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 TECH CENTER 1600/2900



1645

PT#11

## RAW SEQUENCE LISTING

DATE: 03/05/2002

PATENT APPLICATION: US/09/412,558A

TIME: 09:13:00

Input Set : A:\08919-022001.TXT

Output Set: N:\CRF3\03052002\I412558A.raw

ENTERED

4 <110> APPLICANT: Hwang, Jualang  
 5 Hsu, Chia-Tse  
 6 Ting, Chun-Jen  
 8 <120> TITLE OF INVENTION: PEPTIDE REPEAT IMMUNOGENS  
 11 <130> FILE REFERENCE: 08919-022001  
 13 <140> CURRENT APPLICATION NUMBER: US 09/412,558A  
 14 <141> CURRENT FILING DATE: 1999-10-05  
 16 <160> NUMBER OF SEQ ID NOS: 12  
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 10  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Homo sapiens  
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 27 1 5 10  
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 31 <212> TYPE: PRT  
 32 <213> ORGANISM: Vaccinia virus  
 34 <400> SEQUENCE: 2  
 35 Leu Ile Gly Ile Cys Val Ala Val Thr Val Ala Ile  
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 38 <210> SEQ ID NO: 3  
 39 <211> LENGTH: 252  
 40 <212> TYPE: PRT  
 41 <213> ORGANISM: Pseudomonas aeruginosa  
 43 <400> SEQUENCE: 3  
 44 Met His Leu Ile Pro His Trp Ile Pro Leu Val Ala Ser Leu Gly Leu  
 45 1 5 10 15  
 46 Leu Ala Gly Gly Ser Ser Ala Ser Ala Ala Glu Glu Ala Phe Asp Leu  
 47 20 25 30  
 48 Trp Asn Glu Cys Ala Lys Ala Cys Val Leu Asp Leu Lys Asp Gly Val  
 49 35 40 45  
 50 Arg Ser Ser Arg Met Ser Val Asp Pro Ala Ile Ala Asp Thr Asn Gly  
 51 50 55 60  
 52 Gln Gly Val Leu His Tyr Ser Met Val Leu Glu Gly Gly Asn Asp Ala  
 53 65 70 75 80  
 54 Leu Lys Leu Ala Ile Asp Asn Ala Leu Ser Ile Thr Ser Asp Gly Leu  
 55 85 90 95  
 56 Thr Ile Arg Leu Glu Gly Gly Val Glu Pro Asn Lys Pro Val Arg Tyr  
 57 100 105 110  
 58 Ser Tyr Thr Arg Gln Ala Arg Gly Ser Trp Ser Leu Asn Trp Leu Val

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59          115          120          125
60 Pro Ile Gly His Glu Lys Pro Ser Asn Ile Lys Val Phe Ile His Glu
61          130          135          140
62 Leu Asn Ala Gly Asn Gln Leu Ser His Met Ser Pro Ile Tyr Thr Ile
63 145          150          155          160
64 Glu Met Gly Asp Glu Leu Leu Ala Lys Leu Ala Arg Asp Ala Thr Phe
65          165          170          175
66 Phe Val Arg Ala His Glu Ser Asn Glu Met Gln Pro Thr Leu Ala Ile
67          180          185          190
68 Ser His Ala Gly Val Ser Val Val Met Ala Gln Thr Gln Pro Arg Arg
69          195          200          205
70 Glu Lys Arg Trp Ser Glu Trp Ala Ser Gly Lys Val Leu Cys Leu Leu
71          210          215          220
72 Asp Pro Leu Asp Gly Val Tyr Asn Tyr Leu Ala Gln Gln Arg Cys Asn
73 225          230          235          240
74 Leu Asp Asp Thr Trp Glu Gly Lys Ile Tyr Arg Val
75          245          250
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80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Synthetically generated primer
85 <400> SEQUENCE: 4
86 gaacattggt catatggact acggccggga 30
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93 <220> FEATURE:
94 <223> OTHER INFORMATION: Synthetically generated primer
96 <400> SEQUENCE: 5
97 cctgatgccg gccctcttgt aaccagtata 30
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 29
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
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107 <400> SEQUENCE: 6
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111 <211> LENGTH: 30
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Synthetically generated primer
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119 gatcgaattc taatatgacc aatgttctcc 30

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129 <400> SEQUENCE: 8
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132 <210> SEQ ID NO: 9
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143 <210> SEQ ID NO: 10
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157 <213> ORGANISM: Artificial Sequence
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165 <210> SEQ ID NO: 12
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167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Synthetically generated primer
173 <400> SEQUENCE: 12
174 cttgtaacca gtatacctga tgccggccct 30

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VERIFICATION SUMMARY

DATE: 03/05/2002

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Input Set : A:\08919-022001.TXT

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